

ABSTRACT

5 The present invention provides a medical image management system
and method that uses a central data management system to centrally manage the
storage and transmission of electronic records containing medical images
between remotely located facilities. The present invention also provides a
system and method for packaging an image for secure transmission. The
present invention also provides a system for tracking delivery and review of
10 images and various attachments or augmentations to the image files. The
invention also provides a system and method for providing lifetime storage of
images that may be accessed by different authorized imaging centers and
providers throughout the life of the patient. An image or file is packaged to be
transmitted through a firewall of an image viewing location and stored in a
15 relational database at the remote viewer. The image is delivered to a physician
for ready accessibility at a remote viewer. Various files may be added to the
patient's file at remote viewers. Overlays, reports and other attachments are
created or input at image viewing stations and may be packaged for delivery to
authorized locations and are tracked and stored by a data center.
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